

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

62. 11 1906
Our Motto: "Good Seeds Make Friends."

D. A. WHITE & SON

WHOLESALE AND RETAIL

Feedmen and Seedmen

1906
SEED CATALOGUE



255 COMMERCIAL STREET
TELEPHONE MAIN 160

SALEM, OREGON

POULTRY AND BEE SUPPLIES

Important Instructions.

How To Send Money.

Remittances should be made by Postoffice or Express Money Order, Bank Draft or Registered Letter. Postage stamps will be received for small amounts. Remittance in any other way at sender's risk.

Be Sure To Sign Your Name.

And give Postoffice and State. And to avoid mistake, do not write letters on the same sheet as orders.

Seeds Postpaid By Mail.

We send all vegetables and flower seeds in quantities of one pound or less by mail, postpaid, to any Postoffice in the United States at the prices named in this Catalogue, unless otherwise stated.

Prepay Stations.

When you send in orders to go by freight or express be sure that you add money enough to pay freight charges if your station is a prepay, which is always where there is no regular agent.

When To Order.

New goods are all in, and we are prepared to fill orders as soon as this Catalogue reaches you. Send in your combined orders for seeds, plants, supplies, etc., at once, and if you do not want all sent now we will send part now and balance of order later. The advantage of this is that your order is entered and filled, or stock reserved for it, and when you do want it, it can be sent upon notice to do so, with no delay. If you want part or all of your order held, state it distinctly, with date when shipment is to be made.


Large Orders.

Any dealer, market gardener, institution or individual wishing seed in large quantities is requested to mail us a list of what is wanted, and we will promptly return it, with the very lowest market prices. A LETTER OF INQUIRY MAY SAVE YOU DOLLARS if you want to buy in quantity.

Complaints Or Praises.

If you are well pleased with our goods, and manner of doing business, TELL EVERYONE. If not, TELL US, so we can please you. Our best efforts will be put forth in filling all orders carefully, and with the additional room and facilities we hope to get along the coming season without an error of any kind. Let us have your orders early, and we promise to please you.

We use every precaution in procuring fresh, pure and reliable seeds, but it will not be possible for us to hold ourselves responsible for the growth, yield or failure of the crop in any respect. If our goods are not accepted on those terms they must be returned at once.

 **Page one of Catalogue tells you HOW TO ORDER!**

ORDER SHEET.

D. A. White & Son,
255 Commercial Street,
SALEM, OREGON.

GENTLEMEN:—

Send me the goods named below according to the terms as specified in your Catalogue :

Date.....190.....

To (name) _____

Post Office

Station _____

County _____ State _____

Ship by.....

 State if wanted by mail, express [and Company], Freight [and Route], Steamer [and Line].

TERMS:—CASH WITH ORDER.

[illegible]

NOTICE !

TO OUR MANY FRIENDS AND CUSTOMERS.

With the ending of 1905, we have completed one of the largest and most satisfactory years business we have ever enjoyed. We established this business in 1890, fifteen years ago.

This certainly shows that our methods of conducting our business, pleases our customers and makes new friends.

In this catalogue we have quoted prices as low as we could and still handle first class goods. We will not handle poor seeds as it is something that will cause an entire loss of crop for the season.

You will not find our catalogue full of fancy varieties at a large price: this is a favorite fake of some seedmen to sell some old and well known varieties at a fancy price.

We endeavor to give only standard kinds suitable for this coast.

Order from this catalogue and you will not be disappointed.

We trust you will give this catalogue a careful reading and favor us with your valued orders.

Thanking you most sincerely for past favors, and wishing you a happy and prosperous season, we are

Yours very truly,


D. A. WHITE & SON.

BULK SEEDS.

Remember we handle only bulk seeds, no old package seeds to work off, but our entire stock is fresh, clean and pure and true to name.

In buying package seeds, you never know how old the seeds are, as the dealer sends the same package out year after year until sold.

Buy our seeds in bulk and insure your crop.

 Compare our prices with other dealers ; we know the quality is as good and usually better.

VEGETABLE SEED

DEPARTMENT

ASPARAGUS.


CULTURE—Soak the seed 24 hours in warm water, and sow in drills one foot apart. Keep the soil mellow and free from weeds. After one year's growth, transplant into permanent beds. Use plenty of manure.

Columbian Mammoth White. The stalks are white, of the largest size, very productive and early. Pkg. 5c.; oz. 10c.; lb. 75c.

BEANS—Dwarf or Bush.

CULTURE—The soil best adapted for growing Beans is a light, rich, well-drained loam, which was well manured for the previous crop. If the ground is too freshly manured the plants are apt to run to vines and set few blossoms. Plant in drills about two inches deep and from eighteen inches to two feet apart, as soon as the ground is dry enough. Beans are very sensitive to cold and wet before they have sprouted, but are not so liable to be damaged after they are above ground.

Wax or Yellow Poddred Kinds.

 When ordering Beans by mail add 10c. per pound for postage.

EXTRA EARLY CHALLENGE BLACK WAX. Extremely early, about a week in advance of any other variety. Per lb. 15 cents.

GOLDEN WAX. A standard variety, the pods are stringless, very tender and excellent. Per lb. 15c.

DANIS WAX. A hardy, rustless and very productive variety. Per lb. 15c.

GOLDEN EYED WAX. This is an early variety, and a very heavy yielder. Per lb. 15c.

Pole Wax Beans.

EARLY GOLDEN CLUSTER WAX. An early and beautiful variety. Pods six to eight inches long and of superior quality. Per lb. 15c.

Dwarf or Bush-Green Poddred Kinds.

EXTRA EARLY RED VALENTINE. Has no superior among the green-poddred kinds, Per lb. 15c.

EARLY LONG YELLOW SIX WEEKS. A standard variety. Vines vigorous and productive. Per lb. 15c.

STRINGLESS GREEN POD. One of the very best green beans on the market. A favorite for gardeners. Per lb. 15c.

Green Pod Pole Varieties.

WHITE CREASE BACK. Vines not large, but very productive. The pods are round, fleshy and of superior quality. Per lb. 15c.

KENTUCKY WONDER. Pods long and very tender. Fine for canning. Per lb. 15c.

DUTCH CASE KNIFE. Produces large, flat pods that are excellent for snaps cut young. Also used green shelled or dry. Per lb. 15c.

LAZY WIFE. A heavy yielder. Pods four or five inches long and of rich flavor. Per lb. 15c.

SCARLET RUNNER. A rapid grower, cultivated both for its beautiful scarlet blossoms and for table use. Per lb. 20c.

Lima Beans.

BURPEE'S BUSH LIMA. Beans large and of very fine quality. Per lb. 15c.

CHAMPION BUSH LIMA. Beans very large and early. The best quality for this valley. Per lb. 15c.

POLE LIMA. The favorite pole variety. Per lb. 15c.

CASTOR BEANS. Used for medicinal purposes and claimed to keep moles away. Per lb. 25c.

Field Beans.

OREGON TREE BEANS. Considered the best for this climate, a heavy yield, and all ripen at the same time. Per lb. 10c.

ROYAL WHITE KIDNEY. This bean is large, long, slightly curved and pure white. Early and a heavy cropper. Per lb. 10c.

Gardeners who buy Beans in large quantities should write for special prices.

BROCCOLI

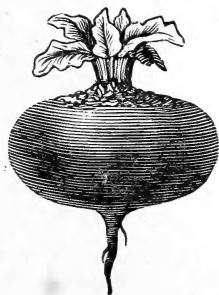
Broccoli is very much like Cauliflower in general appearance and growth, but is hardier and will stand more cold and frost. Produces fine heads from late in the fall until early spring, according to time plants are set out. It is a very profitable crop and is now being planted extensively. Culture, same as for Cauliflower.

Large White French.

A valuable variety, with large, white heads, firm and of good flavor. Pkt. 5c.; oz. 35c.; 2 oz. 60c.; $\frac{1}{4}$ lb. \$1.00.

BEETS—For Table Use

CULTURE—The Beet is hardy and may be planted as soon as the ground can be well prepared, doing best in rich, sandy soil, sown in rows sixteen inches apart, covered one and one-half inches deep. The seed will sprout better if soaked twenty-four hours in warm water before planting. Thin out by using the largest ones when they are of sufficient size, continuing until they are six to eight inches apart in the row. For field crop, the rows should be far enough apart to permit the use of a horse cultivator.



Beet Seed.—There is no crop where the quality of the seed used is of more importance than this. Our stock is raised by the very best growers, and we supply only the choicest strains

IMPROVED EARLY BLOOD TURNIP. Excellent for summer and autumn use. Oz. 5c. $\frac{1}{4}$ lb. 15c.; 1 lb. 50c.

EXTRA EARLY EGYPTIAN. Fine for forcing, and very early. A favorite of market gardeners. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; 1 lb. 50c.

EARLY ECLIPSE. Very popular and one of the best early sorts. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; 1 lb. 50c.

LONG SMOOTH DARK BLOOD. The leading late variety, keeping well all winter. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; 1 lb. 50c.

STOCK BEETS AND MANGLES.

If wanted by mail, add 10c. per lb. Oz. 5c.; $\frac{1}{4}$ lb. 10c.; 1 lb. 25c.

MAMMOTH LONG RED. Grows to a very large size. The most popular kind and a heavy yielder.

GOLDEN TANKARD. Best for dairy farming.

YELLOW GLOBE. Roots immense size and fine shape. Well adapted to shallow lands.

FRENCH SUGAR BEET. The most popular variety grown. Excellent for feed.

NEW MANGLE HALF SUGAR. Roots large and very fine for stock feeding.



BULBS AND FLOWER SEEDS.

We issue a bulb list in season. Our stock of flower seeds is large, but on account of room do not list.

BRUSSELS SPROUTS

The plants, which are very hardy, grow two or three feet high, and produce, from the sides of the stalk, numerous little sprouts, which resemble very small cab-

bages, one or two inches in diameter. The leaves should be broken down in the fall, to give the little heads more room to grow. They should be treated in all respects like winter cabbage or kale.

Dwarf Improved.

A carefully grown strain, very hardy, and giving compact, round sprouts of large size and good quality. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.

COLLARDS.

Used as greens. As the leaves are pulled off others grow in their places. Pk. 5c. oz. 15c.

CRESS.

Curled, or Pepper Grass. Used as a salad dressing. Pk. 5c.; oz. 10c.

Water Cress. To be sown only in water. Pk. 5c.; oz. 35c.

CHICORY.

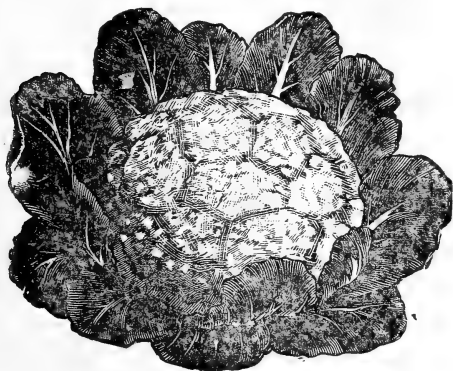
Large Rooted, or Chicory. The best kind. Pk. 5c.; oz. 10c.; lb. 75c.

Celeriac, or Turnip-rooted Celery. Pk. 5c.; Oz. 15c.

CAULIFLOWER

CULTURE—The Cauliflower succeeds well in any soil where cabbage will grow. It delights in a rich soil and abundance of water. By sowing the early varieties in a hot-bed in February or March, or later in a cold frame, fine heads can be obtained quite early. For a later supply sow seed in a prepared bed in May, choosing a cool,

moist place. When large enough, transplant, making the rows about two and a half feet apart and eighteen inches between the plants. Transplanting should be done in moist weather. In dry seasons the crop must be watered.



EARLY SNOWBALL. Selected stock This is the finest strain of seed to be obtained. It will produce large, solid, white heads that bring big profits. Pk. 5c., 10c., 25c.; $\frac{1}{4}$ Oz. 75c. Oz. \$3.00.

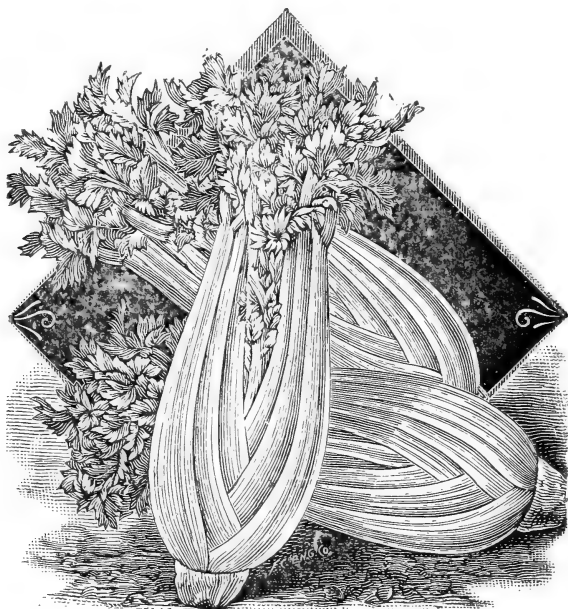
Large Algiers

A valuable, late sort, sure to head, of the best quality and very popular with market gardeners everywhere. Plant large, but of upright growth, the leaves protecting the heads so that they will endure, uninjured, a frost that would ruin other sorts. One of the very best of the late varieties. Pk. 5c.; Oz. 80c.

CELERY

CULTURE—Sow the seeds early, in a hot-bed or cold frame. As soon as the plants are three inches high, transplant in a prepared border, setting them four inches apart. When grown six inches, and fine, stocks plants, set in richly manured, deep soil, in rows three and a half feet apart, and about nine inches from plant to

plant. Water, if dry weather follows transplanting. During the next two months all the attention that is required is to keep down the weeds. Afterwards, earth up a little, and continue doing so at intervals until only the tops of the leaves are visible late in autumn. Never hoe up the earth when the plants are wet. One ounce of seed produces about two thousand plants.



WHITE PLUME. The leading white celery. A handsome, crisp sort, of very easy cultivation. Pk. 5c.; Oz. 15c.; lb. \$1.75.

GOLDEN SELF BLANCHING. The best celery for early market use. Easily blanched. Pk. 5c.; Oz. 25c.; $\frac{1}{4}$ lb. 90c.

GIANT WHITE SOLID. White, crisp, tender. Oz. 15c.; $\frac{1}{4}$ lb. 50c.; Pk. 5c.

We carry a full line of Poultry Supplies

CABBAGE

EARLY JERSEY WAKEFIELD. The favorite early cabbage with market gardeners. Heads are of good size, solid and a sure header, and always gives satisfaction. Pk. 5c.; Oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

EARLY DRUMHEAD. Heads flattened. A good keeper. Pk. 5c.; Oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

SURE HEAD. A favorite with many. Certain to head. Pk. 5c.; Oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

SUCCESSION, OR ALL SEASONS. Heads large, slightly flattened. Pk. 5c.; Oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

EARLY YORK. Small but very early. Pk. 5c.; Oz. 10c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.35.

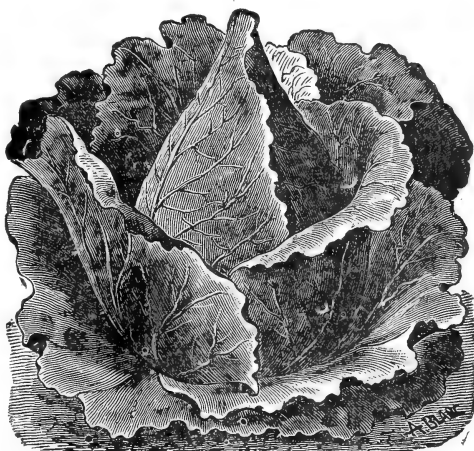
EARLY SPRING. The earliest flatheaded variety. A very popular sort. Pk. 5c.; Oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

EARLY WINNIGSTADT. Conical, solid heads and a fine keeper. Pk. 5c. Oz. 15c. $\frac{1}{4}$ lb. 40c. lb. \$1.50.

HENDERSON'S EARLY SUMMER. The head is round and the largest of the early kinds. Firm and of the best quality. Pk. 5c.; Oz. 10c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

EARLY FLAT DUTCH. Firm, fine-grained and tender. Pk. 5c.; Oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

CHARLESTON, OR LARGE WAKEFIELD. Larger and a little later than the Jersey Wakefield. Pk. 5c.; Oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.



Late Cabbage.

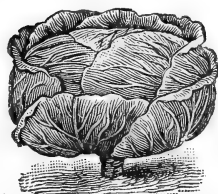
PREMIUM LATE FLAT DUTCH. Considered the best late cabbage for all purposes. A sure header. Pk. 5c.; Oz. 10c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.50.

PREMIUM LATE DRUMHEAD. Has no superior for family or marketing purposes, either for medium, early or late purposes. Pk. 5c.; Oz. 10c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.50.

HOLLAND, OR DANISH BALL HEAD. Head of medium size, round and very solid. The finest cabbage ever sold on the market. Pk. 5c.; Oz. 15c. $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

AUTUMN KING, OR WORLD BEATER. A sure header, very solid, fine grained and tender. Pk. 5c.; Oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

SAVOY. Tender and excellent. Rich flavor. Pk. 5c.; Oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50



WHAT DO YOU FEED ?

Right feeding increases egg yielding and promotes growth. There is absolutely nothing better on the market than the

Prussion Poultry Food.

Its use means stronger, healthy poultry, more eggs and more money for you.



CARROTS

CULTURE—While a sandy loam, made rich by manuring the previous year, is the best soil for the carrot, any good land, if thoroughly and deeply worked, will produce satisfactory crops. When it is possible to do so it is advisable to sow as early in the spring as the ground is fit to work, though good crops may, in this latitude, be grown from sowing as late as June 15; but one is less certain of good crops from such late planting. For table use, sow the smaller kinds as early as practicable in rows 16 to 18 inches apart, and for field culture prepare the ground thoroughly and sow in drills 18 to 24 inches apart, using from one and one and a half to three pounds to the acre, according to the distance between rows. Cover one-half to one inch deep and see to it that the soil is well firmed above the seed.

If wanted by mail, add 10 cents per pound.

CHANTENAY. The market gardener's favorite. Color, deep orange.

Flesh very crisp and tender. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; lb. 60c.

DANVER'S HALF LONG. The smooth, handsome roots are orange, of medium length. A very heavy yield and a fine feed. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.

OX HEART. A thick carrot, five or six inches long and very blunt at lower end. A favorite of market gardeners. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.

LONG ORANGE. One of the best kinds for stock feeding. A heavy yielder. Oz. 5c. $\frac{1}{4}$ lb. 15c.; lb. 50c.

LARGE WHITE BELGIAN. Grown for stock feeding. Very productive. Grows much above the ground. Oz. 5c.; $\frac{1}{4}$ lb. 15c., lb. 50c.

LARGE WHITE MASTADON. Grows to a large size and makes a fine feed. Produces the largest crop of any carrot. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.

YELLOW GIANT. The earliest and most productive stock carrot known; Pk. 5c. Oz. 10c.; lb. 75c.

If wanted by mail, add 10 cents per pound.

All sweet corn is 10 cent per pound in small lots, unless otherwise marked.

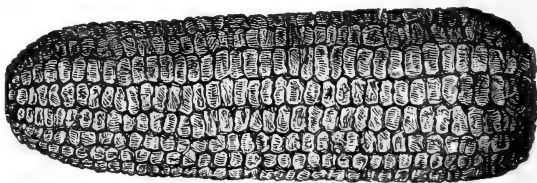
Special prices in quantity.

EARLY WHITE CORY. Most popular early sweet corn.

EARLY MINNESOTA. This old and well known variety is one of the best for the market and garden.



CORN.



EARLY MAMMOTH. Very large ears, sweet and tender and very early.

GOLDEN WEST. New. The sweetest and richest corn ever grown. Price per lb. 20 cents.

PEEP O' DAY. Ten days earlier than any other sweet corn. Per lb. 20c.

COUNTRY GENTLEMAN. A fine midium variety; very sweet and tender.

EARLY EVERGREEN. The best second early variety.

STOWELL'S EVERGREEN. Remarkable for remaining green a long time; the best late variety.

BLACK MEXICAN. Sweet and delicious. Fine for home use.

Field Corn.

OREGON YELLOW DENT. We make a specialty of Oregon seed corn and have the largest trade in the state. If you want a corn to ripen secure some of our acclimated seed. lb. 3c.; 100 lbs. \$3.00.

PRIDE OF THE NORTH. OREGON. A fine variety for the valley. Yields heavy and makes an abundance of fodder. lb. 3c.; 100 lbs. \$3.00.

PRIDE OF THE NORTH. EASTERN. The best variety for ensilage. lb. 3½c.; 100 lbs. \$3.50.

MINNESOTA KING. DENT. A very good variety for the valley. lb. 3½c.; 100 lbs. \$3.50

KING PHILLIP. An early red corn. Well acclimated. lb. 4c.; 100 lbs. \$3.75.

In ordering by mail, add 10c. per lb. for postage. Prices in quantity on request.

EARLY CANADA. An early flint corn. lb. 4c.; 100 lbs. \$3.75.

POP CORN. For seed lb. 10c. Also have corn for popping.

CUCUMBERS.

CULTURE.—Cucumbers need a warm, sandy soil, and should not be planted in open ground until the weather is settled and warm, as otherwise they will not thrive. Plant in hills four feet apart each way, thinning to three or four of the strongest plants, after danger from insects is passed. Sprinkle the young plants with fine ashes, plaster or air-slaked lime, to protect them from bugs. As fast as the cucumbers attain suitable size they should be taken from the vine, whether required for use or not, as their ripening soon destroys the vine's fruitfulness. The fruit should be shaded, as exposure to the sun causes the flesh to become bitter and tinted with green. When preparing cucumbers for the table all flesh so affected should be removed.



EARLY SHORT GREEN, OR EARLY FRAME. An excellent sort for both table use and pickling. Pk. 5c, oz. 10c, lb. 90c.

EARLY CLUSTER. The early variety. Very productive. Pk. 5c, oz. 10c, lb. 90c.

BOSTON PICKLING. A very distinct variety. Popular for pickling. Pk. 5c. oz. 10c, lb. 90c.

PEERLESS WHITE SPINE. One of the best sorts for table use. Pk. 5c, oz. 10c, pound 90c.

BEST LONG GREEN. The leading large variety. Fruit ten to twelve inches long, dark green, crisp and tender. Pk. 5c, oz. 10c, lb. \$1.00.

Endive.

Endive. Green Curled. Standard sort. Pk. 5c, oz. 15c,

Egg Plant.

Early Long Purple. The earliest and hardiest. Pk. 5c, oz. 30c.

Kale.

DWARF GREEN CURLED. Leaves curled and bright green. Pk. 5c, oz. 10c.

THOUSAND HEADED. Grows very large. Used mostly for stock feeding. Pk. 5c, oz. 10c, lb. 75c.

Kahl Rabi.

Early White. Best table variety. Pk. 5c, oz. 15c.

LETTUCE.

SIMPSON'S EARLY CURLED. A leading market variety. Very tender. Pk. 5c, oz. 10c, lb. 75c.



EARLY PRIZE HEAD. One of the very best kinds for the garden. A large loose head, tender and crisp. Pk. 5c, oz. 10c, lb. 80c.

HANSON. The leading head variety. Crisp, tender and well flavored. Pk. 5c, oz. 10c, lb. 80c.

GRAND RAPIDS. The best early kind for forcing. A favorite of gardeners. Pk. 5c, oz. 10c, lb. 90c.

BROWN DUTCH. Outer leaves tinged with brown. Pk. 5c, oz. 10c, lb. 80c.

WHITE PARIS COS. A distinct variety, forming oval, upright heads. It is hardy,

tender and crisp. Pk. 5c, oz. 10c, lb. 90c.

LARGE DRUMHEAD. One of the largest heading kinds, but the heads are not so solid as the Hanson or Deacon. Pk. 5c, oz. 10c, lb. 90c.

NEW CRISPETTE. Crisp, tender, sweet and melting. Pk. 5c, oz. 15c, lb. \$1.50.

LEEK.

LARGE ROUEN. The favorite variety. Pk. 5c.; Oz. 15c.

MUSTARD.

SOUTHERN GIANT CURLED. Pk. 5c.; oz. 10c.; lb. 60c.

WHITE ENGLISH. Leaves mild, tender when young. Pk. 5c.; lb. 25c.

If wanted by mail, add 10 cents per pound.

MUSKMELONS.

All muskmelons, per pk. 5c.; oz. 10c.; lb. 90c.

ROCKY FORD OR NETTED GEM. Flesh thick, green, very sweet and highly flavored.

SMALL GREEN NUTMEG. The flesh is green, fine and very sweet.

MILLER'S CREAM. The flesh is a rich salmon color, very sweet and highly flavored.

EARLY HACKENSACK. Flesh green and delicious.

LARGE YELLOW CANTALOE. Salmon color, rich and sweet.

WATERMELONS.

FORDHOOK EARLY. A fine extra early melon.

COLE'S EARLY. Sweet and delicate in flavor.

PHINNEY'S EARLY. Very sweet, tender and crisp.

SWEET HEART. A handsome melon. Fine for market.

ICE CREAM, OR PEERLESS. A most delicious melon for home use.

HUNGARIAN HONEY. Small but excellent quality.

KLECKLEY'S SWEET. Flesh of extra fine quality.

CITRON. For preserving only.

Price per oz. 5c.; lb. 50c.

ONIONS.

OREGON YELLOW DANVERS. This is the favorite onion for Oregon, producing the largest crops and the best grade of onions on the market. Our seed is the best seed grown in this state. Pk. 5c.; Oz. 10c.; lb. \$1.15.

YELLOW DANVER. The old standard variety. Pk. 5c.; Oz. 10c.; lb. 85c.

WHITE GLOBE. Fine, rich and sweet. Pk. 5c.; Oz. 15c.; lb. \$1.75.

SILVER SKIN, OR WHITE PORTUGAL. A good variety for family use. Mild flavor. Pk. 5c.; Oz. 15c.; lb. \$1.75.

RED WETHERSFIELD. A standard red variety; a fine shipper. Pk. 5c., Oz. 10c.; lb. \$1.25.

AUSTRALIAN BROWN. Matures early, ripens uniformly, and will keep longer than any other onion. Pk. 5c.; Oz. 10c.; lb. \$1.00.

PRIZE TAKER. Large and fine flavored. Pk. 5c.; oz. 10c.; lb. \$1.25.



Onion Sets.

Bottom sets. Small, yellow sets. Market Price.

Okrs or Gumbo.

Long, green pods. Pk. 5c.; oz. 10c.

Parsley.

Used for flavoring soups, meats and for garnishing. Pk 5c.; oz. 10c.

Parsnips.

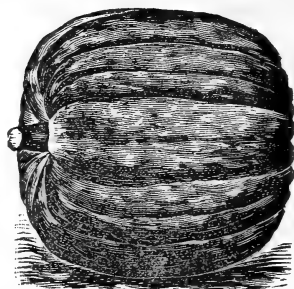
HOLLOW CROWN. Root white; very tender, with a smooth, white skin. Pk. 5c.; oz. 10c.; lb. 40c.

PUMPKINS.

LARGE YELLOW, OR CONNECTICUT FIELD. A large round variety, depressed at the ends. A popular kind. Oz. 5c.; lb. 40c.

LARGE SWEET CHEESE. Fine for a pie pumpkin. Oz. 5c.; lb. 50c.

TENNESSEE SWEET POTATO. Pear shaped, flesh thick, cream white, and of excellent flavor. Pk. 5c.; lb. 90c.



Sweet, or Sugar.

A handsome and productive small Pumpkin, 10 to 12 inches in diameter, round-flattened, skin orange; flesh deep yellow, fine grained and very sweet. Oz. 5c.; lb. 60c.

Peppers.

RUBY KING. Large, bright colored, sweet, and of mild flavor. Pk. 5c.; Oz. 20c.; $\frac{1}{4}$ lb. 60c.

CHILI. A small scarlet pod. Pk. 5c.; Oz. 20c.

GARDEN PEAS.

Price per pound 15 cents, two pounds for 25 cents.

If wanted by mail, add 10c. per pound for postage.

Special prices on application if quantity is wanted.

Early Varieties.

ALASKA. Earliest and best of the smooth varieties. A favorite for gardeners.

NOTT'S EXCELSIOR. The best early dwarf pea. The most desirable sort for the gardener and unexcelled for the home garden.

AMERICAN WONDER. The earliest of the wrinkled sorts. A great favorite for family use. Peas tender and very sweet.

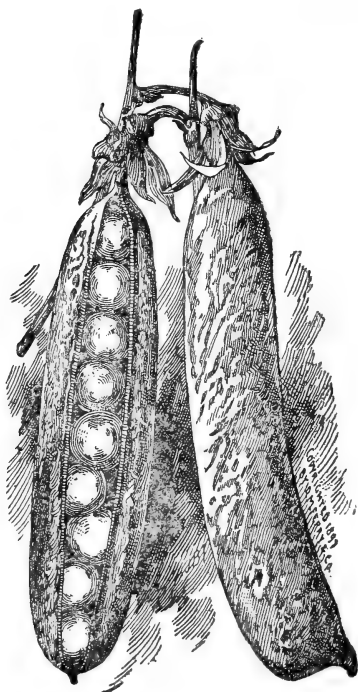
PREMIUM GEM. One of the earliest dwarf, green wrinkled varieties.

GRADUS. A new variety of excellent quality. Pods very large. A favorite of market gardeners.

Second Early Varieties.

VEITCHE'S PERFECTION. The very best late or medium pea in cultivation. Pods large, peas tender and very sweet. Fine for canning.

STRATAGEM. Pods very large, filled with peas of fine quality.



CHAMPION OF ENGLAND. Pole. Very rich and fine flavored.

TELEPHONE. Pole. Produces those handsome long pods. A favorite with our market gardeners.

MELTING SUGAR. The kind that have those sweet, broad pods, and are used the same as string beans.

SWEET PEAS.

WHITE, BLANCHE, BURPEE. Large, beautiful flowers.

GOLDEN GLEAM. Beautiful pink, shading darker at outer edges.

PRIMA DONNA. A bright shade of bluish-pink.

ROYAL ROSE. Deep, rosy pink, with wings of a lighter shade.

BRILLIANT. A very bright crimson-scarlet.

FIRE FLY. The favorite bright scarlet variety.

SALOPIAN. The finest scarlet sweet pea in cultivation. Very large.

GORGEOUS. Deep salmon-orange. Brilliant color.

VENUS. Lovely salmon buff, rosy-pink, wings creamy white.

LOTTIE ECKFORD. Large silvery-white flowers.

CAPTAIN OF THE BLUES. Bright and attractive blue.

CAPTIVATION. Beautiful, bright claret shade.

GRAY FRIAR. Shaded with purple on creamy white ground.

WAWONA. A delightful heliotrope, shaded with creamy white.

Prices, all the above varieties: Oz. 5c. $\frac{1}{4}$ lb. 15c.; lb. 50c.

Fancy Mixed Sweet Peas. A very choice mixture. Oz. 5c.; $\frac{1}{2}$ lb. 15c.; lb. 40c.; postpaid 50c.

RADISHES.

EARLY LONG SCARLET. Short Top. A standard and excellent sort. Pk. 5c.; oz. 10c.; lb. 50c.

EARLY SCARLET TURNIP. A small, round, red radish, crisp and tender. Pk. 5c.; oz. 10c.; lb. 50c.

CHARTIER. Roots long, tapering and attaining a very long size. Without doubt the finest radish in cultivation. A favorite of market gardeners. Pk. 5c.; oz. 10c.; lb. 50c.

FRENCH BREAKFAST. A fine early radish, tender and crisp. Pk. 5c.; lb. 50c.

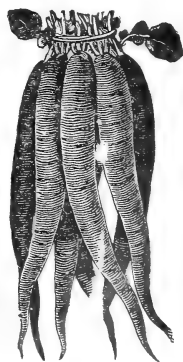
STRASBURG. The finest white variety; grows to a large size, remaine tender and crisp a long time. Pk. 5c.; oz. 10c.; lb. 60c.

LADY FINGER. Of rapid growth and beautiful shape. Firm, crisp and tender. Pk. 5c.; oz. 10c.; lb. 60c.

CHINA ROSE WINTER. Bright rose color, flesh white, firm and of superior quality. Pk. 5c.; oz. 10c.; lb. 60c.

MAMMOTH WHITE CHINA. Roots from 10 to 12 inches long, and are solid, tender and crisp. Pk. 5c.; oz. 10c.; lb. 60c.

LONG BLACK SPANISH. Flesh white; one of the latest and hardiest. Pk. 5c.; oz. 10c.; lb. 60c.



THE NEW ICICLE RADISH. A very tender white variety, crisp and sweet. Pk. 5c.; oz. 10c.; lb. 60c.

Rhubarb, or Pie Plant

CULTURE—Rhubarb succeeds best in deep, rich, somewhat retentive soil. The richer its condition and the deeper it is stirred the better. Sow in drills an inch deep, and thin out the plants to six inches apart. In the fall transplant the young plants into very highly manured and deeply stirred soil, setting them four to six feet apart each way, and give a dressing of coarse manure each spring. The stalks should not be plucked until the second year, and the plant never allowed to exhaust itself by running to seed.

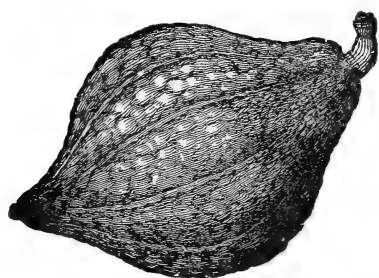
Victoria, or Mammoth.

Very large; finest cooking variety. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

SQUASH.

Summer Varieties.

MAMMOTH SUMMER CROOKNECK. Flesh tender and of good quality. Pk. 5c.; oz. 10c.; lb. 70c.



MAMMOTH WHITE BUSH SCALLOP. The best summer sort for the market. Pk. 5c.; oz. 10c.; lb. 70c.

BOSTON MARROW. Flesh dry and of fine flavor. Oz. 5c. lb. 60c.

HUBBARD. The best seller and most popular squash. Keeps through the winter. Oz. 5c. lb. 60c.

MAMMOTH CHILI. The largest of all squashes. Rich, fine flavored flesh. Oz. 5c., lb. 75c.

FIELD MARROW. For stock feeding. lb. 25c. postpaid 35c.

Spinach

IMPROVED THICK LEAVED. Leaves large, thick and of fine flavor when cooked. Oz. 5c.; lb. 35c.

LONG STANDING. The best for general use. Oz. 5c.; lb. 35c.

Salsify or Vegetable Oyster.


MAMMOTH SANDWICH ISLAND. The leading tender variety. Produces a large crop of straight smooth roots. Pk. 5c.; oz. 10c.; lb. \$1.15.

Sunflower.

MAMMOTH RUSSIAN. The favorite kind. lb. 10c. postpaid 20c.

Tobacco.

Seed Leaf. Best adapted for general use. Pk. 5c.; oz. 20c.

 Compare our prices with other dealers; we know the quality is as good and usually better.

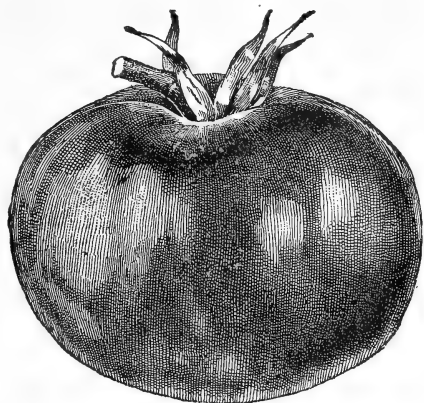
TOMATOES.

ATLANTIC PRIZE. The earliest, large variety. Perhaps the best variety for the valley. Pk. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 70c.

EARLY MICHIGAN. A smooth and very early tomato. Pk. 5c.; oz. 20c.

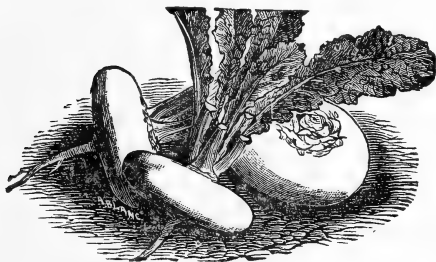
LIVINGSTONE'S PERFECTION. One of the best. Medium early, round and smooth. Pk. 5c.; oz. 20c.

Tomato plants in season; write for prices.



TURNIPS.

If wanted by mail, add 10c. per pound for postage.



EARLY PURPLE TOP, STRAP LEAVED. A leading white fleshed variety, and one of the best for family, market garden, or field crop. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.

WHITE GLOBE. Large, handsome, and of excellent quality. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.

EARLY WHITE FLAT DUTCH. A fine table kind. Tender and sweet. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.

WHITE EGG. Excellent flavor, sweet and mild. Favorite for table use. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.

WHITE MILAN. Pure white, sweet and tender. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.

ORANGE JELLY. Flesh yellow, sweet and tender. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; lb. 40c.

YELLOW ABERDEEN. Produces a large crop. A favorite with dairymen. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; lb. 40c.

COW HORN. A fine stock turnip; an immense yielder. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; lb. 40c.

RUTA BAGAS.

MONARCH, OR TANKARD. Flesh yellow; fine grained and a heavy yielder. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.

AMERICAN PURPLE TOP. The standard variety; grows to a large size and is an immense yield. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.

SWEET RUSSIAN. Most excellent for table or stock; sweet and rich. Oz. 5c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.

NEW BERRY PLANTS.

New Mammoth Blackberry

This wonderful new blackberry which was introduced as a novelty several years ago has proved to be a grand addition to the list of blackberries. The handsome, large juicy berries are delicious. Prices, 10c. each or \$1.00 per dozen.

LOGAN BERRY.

(Raspberry-Blackberry.)

This comparatively new berry is becoming more popular each year. Prices; each 10c.; dozen 75c.

STRAWBERRY PLANTS.

Orders taken for all the leading varieties. Our prices are very low and the plants the best on the market.

CLOVER AND GRASS SEEDS.

Grass seed prices are always changing, therefore we cannot print prices good for any length of time. When ready to buy, write us for special prices stating, or order what you want at catalogue prices. We will ship seed to cover the full amount of money sent us, whether the price is higher or lower.

ALFALFA. This is going to be the coming crop of the valley; it will pay you to try a few acres. 100 lbs. \$15.00.

TURKESTAN ALFAFA. The genuine dry land alfalfa. 100 lbs. \$18.50.

RED CLOVER. The standard clover for all purposes, either for pasture, hay, or improving the soil. 100 lbs. \$15.00.

ALSIKE CLOVER. Not quite so coarse as red clover; makes a fine hay and also grows on very wet land. 100 lbs. \$16.00.

WHITE CLOVER. Used for lawns; also for pasture. 1b. 25c.; 100 lbs. \$22.50.

CRIMSON CLOVER. Used for pasture and fertilizing purposes. 1b. 12½c.

TIMOTHY. This is the most valuable of all grasses for hay. 100 lbs. \$6.50.

ORCHARD GRASS. The most popular pasture grass. 100 lbs. \$14.00.

ENGLISH RYE GRASS. Suitable for all kinds of land. Makes a fine pasture. 100 lbs. \$7.50.

ITALIAN RYE GRASS. Suitable for wet land; makes a good hay. 100 lbs. \$8.00.

RED TOP. Fancy cleaned. Fine for wet and marshy lands. 100 lbs. \$13.00.

KENTUCKY BLUE GRASS. The favorite for lawns. Makes a fine pasture. 1b. 15c.; 100 lbs. \$15.00.

ENGLISH RYE GRASS. Oregon Seed. Preferred by many on account of its being acclimated. We have some good, clean seed, 100 lbs. \$6.50.

LAWN GRASS. Fancy mixed. Makes those fine lawns you see around town. 1b. 25c.

MILLET. Write for prices.

DWARF ESSEX RAPE. The great forage plant. Yields an immense amount of green seed. 1b. 7c.; 100 lbs. \$7.00.

IT DOES NOT PAY

To buy cheap Grass Seed just to save two or three cents per pound. What does it amount to? Comparatively nothing. You may save twenty-five or fifty cents per acre at seeding time, but you will have a ton or two less hay at cutting time.

FARM SEEDS.

This is a speciality with us and we usually carry a complete stock. We do not quote prices in this catalogue but will be glad to do so if you will send us a list of what you want and state the quantity. Prices subject to change with out notice.

SEED WHEAT: usually have in stock the leading varieties at a slight advance over mixed wheat.

SEED OATS. We have some very choice white oats at a reasonable price.

SEED BARLEY. Our seed is first class clean stock from Eastern Oregon.

BALD BARLEY. Have a small stock of this popular barley; no beards to bother. Price 100 lbs. \$2.50.

SEED VETCH. This is undoubtedly the best crop for this coast. Makes an abundance of hay, green feed, or is fine for soiling. Price, 100 lbs. \$2.75. In larger lots, write for prices.

FIELD PEAS. Fine for hog feed or pasture. Market price.

CHEET SEED. During the season we carry a large stock of choice seed.


BUCKWHEAT. Silver Hull. A very good and popular variety. 100 lbs. \$3.00.

FLAX SEED. Re-cleaned for planting, 100 lbs. \$5.00.

DWARF ESSEX RAPE. One of the best forage plants. 100 lbs. \$7.00.

RYE. Fine for pasture or green feed. Market prices.

SEED POTATOTES

 Write for prices.

EARLY OHIO. This is one of the old standard varieties that is hard to beat. Our stock is choice.

EARLY ROSE. Considered by many the best early sort.

We have in stock at different times during the season other varieties of early and late kinds at reasonable prices.

POTATO PLANTERS.

PEERLESS—This is the lightest and best tubular planter made. With this planter one man can plant several times as much ground without getting a lame back as he can plant by hand. The planter locks itself as it is lifted out of the ground, so that the next potato may be dropped in at once, and opens automatically as the top of it is moved forward in walking. Price, \$1.50.

BEE SUPPLIES.

Cedar Hive, complete, each \$1.85.

Cedar Hives, without sections and foundations, each \$1.60.

Pine Hives, complete \$2.00.

Pine Hives, less sections and foundations, \$1.75.

Supers, complete, 60c.; empty, 30c.; with sections and foundation, 70c.

Section Honey Boxes. No. 1, 100, 70c.; 500, \$3.00; No. 2, 100, 60c.; 500, \$2.60; 1000, \$5.00.

Comb Foundation. Light brood, lb. 60c.

Light section, lb. 70c. If foundation is wanted by mail, add 25c. lb.

Smokers.

Clark's Cold Blast. The most popular smoker in use today. Price 60c.

Bingham Large. A good smoker. Each 90c.

FEED DEPARTMENT.

This is the main part of our business; besides our large store room, we have two large warehouses for the storage of hay, straw and grain. We mention a few items found in our feed department. Prices on application:

Hay	Stock Salt	Stock Foods
Straw	Potatoes	Barley Chop
Oilmeal	Corn	Wheat
Oats	Flax Meal	Rock Salt
Barley	Bran	Dairy Chop
Rolled Oats	Shorts	Corn Chop
Rolled Barley	Middings	
Dairy Salt	Chop	

FLOUR AND CEREAL

DEPARTMENT.

We make a specialty of flour and cereals, and you will find our prices the lowest in the city. We handle the following brands of flour and cereals:

Wild Rose. Gives fine satisfaction.

Perfection. A choice fancy patent.

Pride of Our Country. Enger. Pleases all.

Aumsville. The leading country brand.

Olympic. The leading hard wheat flour. Makes the finest bread of all.

Corn Meal. In 10 lb.; 25 lb. and 50 lb. sacks.

Whole Wheat Flour. In 10 lb., 25 lb. and 50 lb. sacks.

Graham Flour. 10 lb., 25 lb. and 50 lb. sacks.

Rolled Oats. In packages and sacks.

Cream of Cereals. Makes a fine mush. 10 lb. and 25 lb. sacks.

Prices of any of the above on application.

BARRELS AND KEGS.

We carry a complete stock, suitable for meat, fish, cider, vinegar, kraut, etc.

5 gallon keg.....	\$.60	10 gallon keg.....	\$1.00
15 " ".....	1.25	30 " barrel.....	1.60
50 " barrel.....	2.25		

FLOWER POTS.

	POTS		SAUCERS.	
	Each.	Doz.	Each.	Doz.
4-inch .....	.05	\$.50	.03	\$.30
5-inch .....	.07	.70	.04	.35
6-inch .....	.10	1.00	.05	.50
7-inch .....	.12	1.25	.07	.75
8-inch .....	.15	1.60	.08	.80
9-inch .....	.25	2.50	.10	1.00
10-inch .....	.30	3.00	.12	1.25
12-inch .....	.50	5.00	.20	1.80
15-inch .....	.90	9.60	.25	2.40

FERN PANS.

6-inch, each, 12c.; per dozen, \$1.25
7-inch, " 15c.; " " 1.40
8-inch, " 20c.; " " 1.70

TULIP PANS.

6-inch, each 10c.; per dozen \$1.00	9-inch, each 15c.; per dozen \$1.60
7-inch, " 12c.; " " 1.25	10-inch, " 20c.; " " 2.00

AZALIA POTS.

5-inch, each 10c.; per dozen \$.85
7-inch, " 15c.; " " 1.60

SPRAYS.**Dunn's Prepared Sprays.**

No. 1. Winter Spray for San Jose Scale and Peach Curl Leaf. Ingredients: Salt, lime, sulphur, etc. For winter use, 1 lb. to 3 gals. of water; for summer, 1 lb. to 8 gals. of water. Prices; case lots 3c. lb.

No. 2. For San Jose Scale and Woolly Aphis. Ingredients: Sulphur, lime, blue vitrol. For winter use, 1 lb. to 2½ gallons. For a preventive, 1 lb. to 5 or 6 gallons. For summer, 1 lb. to 8 or 10 gallons. For Codlin Moth, add to 8 or 10 gallons. of solution a full ½ oz. of Paris Green or London Purple. Case lot 3½ cts. a lb.

No. 7. Bordeaux in Liquid Form. 1 gallon makes 50 gallons of spray. Quart 60c.; 2 quarts \$1.00, gallon \$1.50.

Poultry and Stock Foods, Remedies, Etc.

Prussian Remedy Co's. Preparations.

PRUSSIAN STOCK FOOD. One of the best foods on the market. 3-lb. pkg., 150 feeds, 50c.; 7-lb. pkg., 350 feeds, \$1.00; 25-lb. pail, 1300 feeds \$3.50.

PRUSSIAN LICE POWDER. You dust it on. Per can, 25c. and 50c.

PRUSSIAN POULTRY FOOD. Prevents and cures diseases, such as cholera, roup, etc. Helps hens lay and chicks grow. Per pkg. 25c. and 50c.; 25-lb. pail, \$3.00.

PRUSSIAN LICE KILLER (Liquid). Will rid your poultry of lice, mites and other vermin in a hurry. Per can, 50c. and \$1.00.

PRUSSIAN WORM POWDERS. The greatest worm remedy on the market. Per pkg., 50c.

PRUSSIAN HEAVE POWDERS. A guaranteed cure for heaves, coughs, colds, lung fever. Per pkg., 50c.; postpaid, 60c.

PRUSSIAN COUGH AND DISTEMPER CURE. The best remedy made for coughs and distemper. Per pkg., 50c.

PRUSSIAN VETERINARY CUREINE SALVE. Quickly cures barbed wire cuts, wounds, sore shoulder. No scar. Box 25c. and 50c.

PRUSSIAN SPAVIN CURE. Cures spavin, ringbone, etc. Per bottle, \$1.00.

PRUSSIAN BARBED WIRE LINIMENT. Cures wire cuts and all wounds. Price 50c.

Send for Prussian Handbook and Stockman's Guide. Tells all about these remedies and contains much valuable information.

LEE'S EGG MAKER. It will make hens lay, chicks grow, and keep them all in healthy, vigorous condition. 2½-lb. pkg. 25c.; 25-lb. pail, \$2.00.

FLY SPRAYS

"Knocks the Flies."

SO-BOS-SO-KILFLY. Use Child's "So-Bos-So-Kilfly" on your stock. It means money in your pocket, for cows give one-third more milk and horses do better and on less feed when protected from flies. It requires only a few seconds to apply it; it costs less than ½c. a day per head. You cannot afford to be without it. Apply with a cloth, sponge or hand sprayer. Write today for 20 page booklet. Put up in 1-gallon sealed cans only, price, \$1.25.

Order a can with your other goods and be ready for the flies when they come.

INTERNATIONAL STOCK FOOD. 25c. and 50c. a package, 25-lb. bucket \$3.50.

INTERNATIONAL POULTRY FOOD. 25c. and 50c. a package.

KOW KURE. This is a fine medicine for a cow out of condition or sick. Per can 50c. and \$1.00.

BAG BALM. Fine remedy for a cow's bag when caked or sore.

GARGET CURE. A sure cure for the garget. 50c. a can.

SPRAYERS.

ASPINWALL. Fine for spraying chicken houses and for roses and shrubs. Each 50c.

TRI JET. Galvanized iron. Will not rust out. 75c each.

BUCKET SPRAYER. All working parts are brass, malleable iron foot rest. Can be used to spray trees, etc. Price \$3.00.

TRAPS.

REDDICK MOLE TRAP. The best trap for catching moles on the market. Price 75c.

GOPHER GUNS.

We carry an improved gun that is safe and simple to handle. Price \$2.00.

CORN PLANTERS.

CRESCENT. A two-hand planter, strong and durable. Price \$1.00.

ROTARY. Very accurate in planting. Price \$1.50.

AUTOMATIC. Used with one hand; light and durable. Price \$1.50.

BROADCAST SOWERS.

CAHOUN. The most popular machine. Price \$3.25.

COLUMBIA. A new seeder; light and easy running. Sows very accurate. Price \$2.25.

Poultry Supplies.

We carry a complete stock of supplies needed for a first class poultry yard.

CRUSHED OYSTER SHELL.

Nice, clean shells, free from dust and waste. In two sizes, coarse and fine.

FINE SHELL—per lb. 2c.; 100 lbs. \$1.70.

HEN SIZE WESTERN SHELLS—100 lbs. \$1.25.

GRANULATED BONE

Made from selected hard, white, raw bones and of a superior quality. Per lb. 2½c.; 100 lb. sack \$2.15.

B GRADE. lb. 2c.; 100 lbs. \$1.90.

CRYSTAL GRIT

The best grit ever sold. Chick and hen size. Per lb. 2c.; 100 lbs. \$1.50.

COMMON GRIT, 100 lbs. 50c.

BEEF SCRAPS

A highly concentrated food, steel cut and no waste. Per lb. 5c.; 100 lbs. \$3.50.

BLOOD MEAL

Unexcelled as a food for forcing growth of chicks or as an egg food. Per lb. 10c.; 10 lbs. 60c.

MEAT MEAL

Meat cooked, dried and ground. Per lb. 3c.; 100 lbs. \$2.50.

CHARCOAL

Per lb. 10c.

LEES LICE KILLER

The best liquid on the market for the killing of lice, mites and other vermin on poultry and stock. Quart 35c. ½ gallon 60c.; 1 gal. \$1.00.

LEG BANDS

ECLIPSE. Per dozen 15c.

CHICK FEED

Our chick Feed is a perfectly balanced ration for young chicks. Keeps the chickens healthy and promotes their growth. It is composed of grains, small seeds, grit, bones, shell, beef scraps, charcoal, etc. You can raise the largest per cent of chickens with our chick feed of any on the market. Per lb. 4c.; 10-lb. sack 35c.; 100-lb. sack \$2.75.

Anderson Folding Egg Boxes, 15 egg size 15c.; dozen \$1.50; 30 egg size, 25c.; dozen \$2.25.

NEST EGGS

CHINA. 2 for 5c.; 25c. dozen.

MEDICATED. A good lice killer. Each 5c.; dozen 30c.

ROUP CURE

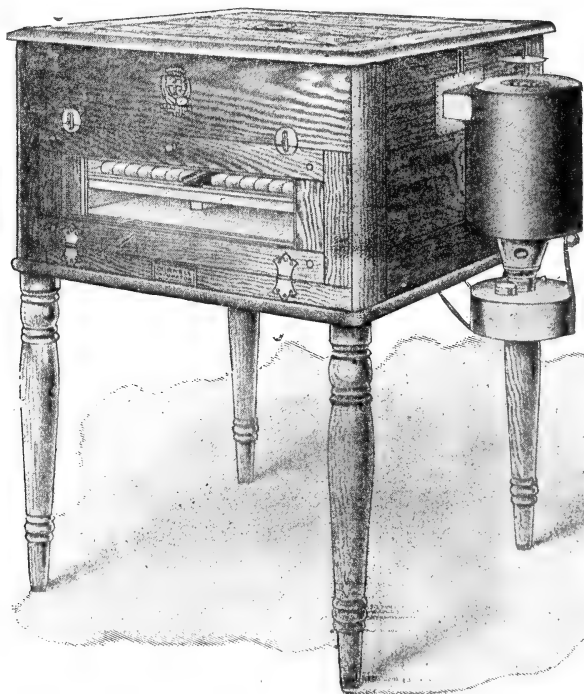
FLOOD'S. Safe and sure. Pk. 50c.

CORNELL INCUBATORS

HANDSOME IN APPEARANCE, SUCCESSFUL IN EVERY RESPECT.

The Cornell Incubator has proved itself, in actual operation in the hands of numerous poultrymen, to be the handsomest and most successful hatcher on the market.

It hatches the healthiest and most vigorous chicks ever obtained by artificial incubation. This result is due largely to uniform temperature, positive ventilation and proper moisture. These three most important points are fully explained in the large Cornell Catalog, copy of which will be mailed free on request. We cannot go into detail in the limited space in this book.



THE CORNELL INCUBATORS are not crude carpenter chests. They are fine cabinet constructed cases, put together under the supervision of experts, with such precision, nicely and solidity that they will stand the severest tests. The front,

back, sides and top are made of separately constructed and finely fitted, polished panels which allow for all expansion and contraction of materials and contribute to make the Cornell the best and most handsome hatcher in appearance on the market.

CORNELL COMPOUND DOOR. Entirely original and found on no other make. Has all the advantages of two separate doors without their inconvenience. Decidedly new, and the most advanced device of its kind in use.

TABLE TOP (See cut). The top of the Incubator is cleaned of all obstructions. It is as smooth and convenient as a table. The new regulator bar and its finely adjusted connections are placed beneath the cover out of sight and out of danger of disturbance.

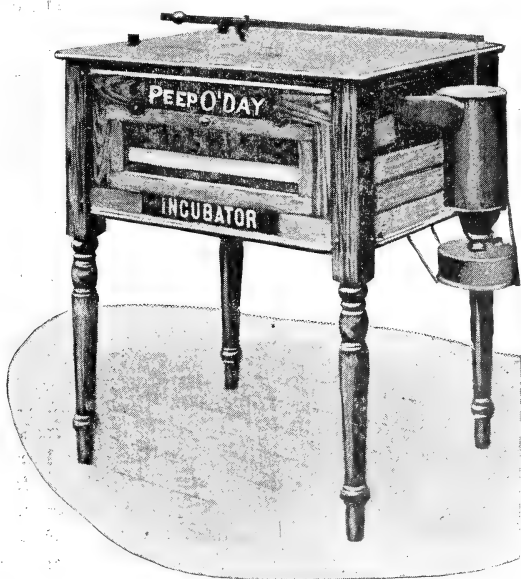
FIRE PROOF HEATER. The heating apparatus of the Cornell Incubator is so simple in construction, so effective in operation, so economical of fuel and so well adapted in every way to its purpose that even the most conservative "chicken crank" on examination or trial, promptly endorses it as the best heater yet invented. It utilizes the heat of the lamp flames to the fullest extent, but nothing but warm, pure, fresh air enters the egg chamber.

THE LAMP. Our lamps are the best that can be procured. They are of sufficient capacity to burn twenty-four hours; a superior incubator lamp from every point of consideration.

SENSITIVE THERMOSTAT (See cut). The finely adjusted, automatic, aluminum thermostat hangs in the space just above the eggs. This original and ingenious piece of mechanism provides prompt and positive regulation of the temperature in the egg chamber. Nothing can possibly get out of order about this regulator.

The heater, lamp, regulator, thermometer, egg tray, nursery, etc., is just the same in this Incubator as in the Cornell; in fact, this is the Pan-American model of the Cornell Incubator. To save mistakes and confusion in filling orders and after the Cornell Incubator Company bought out the Peep O'Day Brooder Factory, the name of this machine was changed to Peep O'Day, the same as the brooders.

The greatest difference in these machines is in the construction and finish. It does not have a **table top** or **compound door**, but we would like to impress upon your mind the fact that the Peep O'Day Incubators are **finished in a much superior manner** to most other Incubators, especially those that sell at the same price. These Incubators, like the Cornell, are hot air machines (no tanks to



spring leaks and spoil the eggs). **The regulation, heating and ventilation are perfect.**

We have sold many Incubators, but everything considered, we have never had such bargains to offer as these Peep O'Day Incubators. **They are equal to any Incubator manufactured**, with the exception of the latest improved, cabinet-finished Cornell. We have tested these machines here in our store under trying conditions, and they have proved a great success.

PACIFIC COAST PRICES ON CORNELL AND PEEP O'DAY INCUBATORS.

No. 1, 108-Egg **Cornell**..... **Price, \$22.50**

Weight, crated, 149 lbs.

No. 2, 216-Egg **Cornell**..... **Price, \$32.00**

Weight, crated, 233 lbs.

Cornell Pan-American Model.

No. 1, 108-Egg **Peep O' Day**..... **Price, \$18.00**

Weight, crated, 140 lbs.

No. 2, 216-Egg **Peep O' Day**..... **Price, \$26.00**

Weight, crated, 220 lbs.

Complete and plain instructions sent with each machine.

PEEP O'DAY BROODERS.

We have sold Brooders for the past ten years, but must admit that we have never handled such a practical, well made, safe, and in every way so satisfactory a line of Brooders as the Peep O' Day.

Let us name a few of their superior points: Perfect ventilation, easily controlled temperature, distribution of heat, freedom from drafts, economy of oil, construction and large size, cast iron lamp, and new style burner (no chimney, no smoke, no danger of explosion). We have seen and used all the leading makes of Brooders, and everything considered we can recommend the Peep O' Day as being ahead of any other make on the market. We know we have them for sale, but that is our honest opinion of them, just the same. We are sure that they will please you.

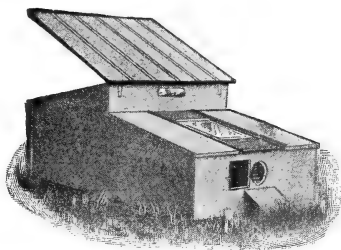
Leading poultrymen all over the United States admit that the Peep O' Day method of brooding is superior to that of the mother hen.

THE LAMP

We have the safest, most scientific and successful Brooder Lamp made. The illustration of the lamp and rear of No. 1 Brooder will convey some idea of its principle. Wick arbor is extended to the outside, making it very convenient to attend to and adjust the flame without disturbing the lamp. The burner is the most perfect we have been able to obtain, and it carries a flame that is equal to a steady gas flame. **We have discontinued the use of chimneys and the results have been far more satisfactory. To sum up we guarantee** that we have a lamp that is strictly safe, that the oil tank will never leak, that it will not consume more than **one-half the oil** of any brooder of its size, and that smoking, bothering with water pans or danger from fire is entirely overcome.

THE HOOVER, VENTILATION AND HEATING

In the Peep O' Day Brooders we have the most perfect system of heating and ventilation. The large, circular hover with its side curtains of felt is placed directly over the brass dome under which is the lamp. The cold, fresh air comes in between the double floors, and passes over the heater which warms it, enters under the hover proper and is forced down upon the back of the little chicks, just as with the old hen. The cold air entering the heater is drawn in, in an indirect way, so that the drafts outside the Brooder can not change the force of the current. This is a very important feature, especially in the outdoor Brooders. No brooder can stand the amount of wind and hold so even a temperature as the Peep O' Day.



The hover has an automatic ventilator and by simply turning it a little, the heat underneath can be easily regulated. The thermometer, the lower part of which hangs at about the level of the chicks' backs, is in plain sight so that you can see the temperature under the hover, at a glance.

The dome of the heater is made of heavy brass and the upper part of cast iron. This is by far the finest and most substantially constructed heater and hover we have ever seen.

All Peep O' Day Brooders, except the No. 0, have the same style lamp, heater and circular hover, which prevent crowding into corners and obviate danger of overheating.

There is **positively no danger of fire** with the Peep O' Day Brooders, and after you have had a chance to examine them, we are sure you will agree with us that they are by far the **finest constructed Brooders**, all points considered, of any on the market, and at the prices we offer them, they are the cheapest.

PRICE LIST, PEEP O' DAY BROODERS

	SIZE.	PRICE.
No. 0. Jr. Outdoor, for 50 to 75 chicks.....	2x4 ft.	\$ 8.00
No. 1. Outdoor, for 75 to 100 chicks.....	3x3 ft. sq.	12.50
No. 2. Outdoor, for 100 to 150 chicks.....	3x5 ft.	14.00
No. 3. Outdoor, for 75 to 100 chicks.....	2x4 ft.	9.50
No. 4. Indoor, for 100 to 150 chicks.....	3x3 ft. sq.	10.00
No. 5. Indoor, (wire top), for 75 to 100 chicks.....	3x3 ft. sq.	8.50

OLD TRUSTY INCUBATORS AND BROODERS.

We have secured the Salem Agency for this well known and popular Incubator and believe it is the best low priced machine on the market. Strongly and nicely finished, it is an ornament to any house.

A FEW STRONG POINTS OF THE OLD TRUSTY.

Direct Acting Automatic Heat Governor.

A perfect hot water pipe heating system.

THE GUARANTEE.

I hereby guarantee the Old Trusty Incubator and Brooder to be as represented

in the catalogue, or the machine or machines can be returned and purchase price will be refunded.

M. M. Johnson, The Manufacturer.

THE PRICES.

100 Egg Old Trusty Incubator,	\$13.00
150 " " " "	\$16.50
200 " " " "	\$19.00
300 " " " "	\$27.50
100 Chick Old Trusty Brooder,	\$ 7.00
150 " " " "	\$ 9.25
200 " " " "	\$11.00

We prepay the freight in Marion or Polk Counties.

All prices strictly cash in advance,

FERTILIZERS

DIRECTIONS: The best results from the use of commercial fertilizers will be derived by those who apply them in the early spring. It is very desirable that they be well mixed with the soil, otherwise they cannot be reached by the roots. No positive rule as to quantity can be given. The average amount is 300 to 500 pounds per acre, but market gardeners often use three or four times that amount and find it pays.

No. 1. COMPLETE FERTILIZER. An all-around fertilizer for ordinary farm and garden products. Contains high percentages of fertilizing properties and is highly satisfactory to all who use it. Analysis: Nitrogen 2 per cent, phosphoric acid 6 per cent, potash 8 per cent. Price per 100 lbs. \$2.00, 500 lbs. \$9.50, 1000 lbs. \$18.50, ton \$36.50.

No. 2. VEGETABLE AND ROOT. Use this fertilizer on all garden and root crops. Highly recommended by market gardeners. It is much richer than No. 1, and is the best fertilizer on the market for potatoes. Analysis: Nitrogen $3\frac{1}{2}$ per cent, phosphoric acid 7 per cent, potash 9 per cent. Price: per 100 lbs. \$2.50, 500 lbs. \$12.00, 1000 lbs. \$23.50, ton \$46.50.

No. 4. FRUIT FERTILIZER. This excellent fertilizer is made expressly for fruits. Its use for fruit trees, vines and shrubs of all kinds will be followed by a great improvement in the quality and increase in quantity. It lasts for several years, and is far better for the plant or tree than manure, and gives greater returns. Analysis: Nitrogen 2 to 3 per cent, phosphoric acid 7 per cent, potash 9 to 10 per cent. Prices, per 100 lbs. \$2.25, 500 lbs. \$10.00, 1000 lbs. \$19.50, ton \$38.50.

No. 5. DIAMOND LAWN FERTILIZER. Odorless. A fertilizer which we have found to be never failing in inducing a rapid and rich green growth to the lawn. It meets the wants of hundreds of patrons who desire a clean, portable and convenient lawn dressing. Fifty to 100 pounds is sufficient to go over a city lot, or double for forming a new lawn. Remember, it contains no weed seeds, like barnyard manure. Prices 25-lb. sack \$1.00, 50-lb. sacks \$1.50, 100-lb. sack \$2.25.

No. 10. HOP GROWERS. A fertilizer made especially for hops, very rich in potash, and if used freely in hop yards it will double the yield and increase the quality of the hops. Be sure that you get "Diamond Brand." Analysis: Nitrogen $2\frac{1}{2}$ to 3

per cent. phosphoric acid 6 per cent, potash 12 per cent. Prices: 100 lbs. \$2.25, 500 lbs. \$10.75, 1000 lbs. \$21.00, ton \$40.00.

PURE BONE MEAL. Animal bone finely ground is one of the very best and most economical fertilizers, especially at present low prices. A most valuable enricher of the soil, and crop producer. Our stocks are absolutely pure. 100 lbs. \$1.75, ton \$31.50.

LAND PLASTER OR GYPSUM. Made from pure gypsum, absolutely free from clay, sand or other foreign matter, 99 per cent pure. For a first-class fertilizer at a low cost, the "Oregon Land Plaster" is not equaled. Especially valuable, and will have a marvelous effect on clover and all grass crops, 100 lb. sack 75c.; $\frac{1}{2}$ ton \$7.00; ton \$13.50.

FISH GUANO. This is the very best quality of guanos, containing high percentages of nitrogen, phosphoric acid and other fertilizing qualities. 100 lbs. \$2.00, ton \$37.50.

NITRATE OF SODA. Per 100 lbs. \$3.25.

MURIATE OF POTASH. lb. $3\frac{1}{2}$ c.; 224 lb. sack \$6.75.

Quantity of seed required to produce a given number of plants and sow an acre.

	Quantity per acre.
Artichoke, 1 oz. to 500 plants.....	6 oz.
Asparagus, 1 oz. to 800 plants.....	1 lb.
Asparagus Roots.....	5,000 to 10,000
Beans, dwarf, 1 pt. to 100 ft. of drill.....	1 bu.
Pole, 1 pint to 100 hills.....	$\frac{1}{2}$ bu.
Beet, garden, 1 oz. to 75 ft. drill.....	7 lbs.
Mangel, 1 oz. to 75 ft. of drill.....	5 lbs.
Brocoli, 1 oz. to 1,000 plants.....	4 oz.
Brussels Sprouts, 1 oz. to 1,000 plants.....	4 oz.
Buckwheat.....	1 bu
Cabbage, 1 oz. to 1,000 plants.....	4 oz.
Carrot, $\frac{1}{2}$ oz. to 100 ft. of drill.....	3 lbs.
Cauliflower, 1 oz. to 2,000 plants.....	3 oz.
Celery, 1 oz. to 5,000 plants.....	6 oz.
Cheat.....	2 bu.
Chicory.....	4 lbs.
Clover, Alsike and White.....	6 to 8 lbs.
Alfalfa.....	15 to 20 lbs.
Crimson Trefoil.....	10 to 15 lbs.
Large Red and Medium.....	10 to 12 lbs.
Collards, 1 oz. to 2,000 plants.....	4 oz.
Corn-wheat.....	2 bu.
Corn, Rice (shelled).....	4 qts.
Sweet.....	12 to 20 lbs.
Corn for Soiling.....	2 bu.
Cress, $\frac{3}{4}$ oz. to 100 ft. of drill.....	1 lb.
Cucumber, 1 oz. to 100 hills.....	2 to 3 lbs.
Egg Plant, 1 oz. to 2,000 plants.....	4 oz.

	Quantity per acre.
Endive, $\frac{1}{4}$ oz. to 100 ft. of drill	4½ lbs.
Flax, broadcast	¾ bu.
Grass, Blue, Kentucky	2 bu.
Blue, English	1 bu.
Hungarian and Millet	¾ bu.
Mixed lawn	4 to 6 bu.
Red Top	2 bu.
Red Top, Solid Seed	12 lbs.
Timothy	12 to 15 lbs.
Orchard, Perennial Rye, Red Top, Fowl Meadow, Wood Meadow	2 bu.
Horse Radish Roots	10,000 to 15,000
Kale, 1 oz. to 5,000 plants	4 oz.
Kohl Rabi, 1 oz. to 50 ft. of drill	
Leek, 1 oz. to 100 ft. of drill	4 lbs.
Lettuce, 1 oz. to 150 ft. of drill	3 lbs.
Millet, for seed, 20 lbs., for hay	30 lbs.
Melon—	
Musk, 1 oz. to 100 hills	2 to 3 lbs.
Water, 4 oz. to 100 hills	2 to 4 lbs.
Nasturtium, 2 oz. to 100 ft. of drill	
Oats	2 to 3 bu.
Okra, 1 oz. to 100 ft. of drill	8 lbs.
Onion Seed—	
1 oz. to 100 ft. of drill	5 to 6 lbs.
For Sets	60 to 85 lbs.
Onion Sets, 1 qt. to 40 ft. of drill	8 bu.
Parsnip, 1 oz. to 150 ft. of drill	3 lbs.
Parsley, 1 oz. to 150 ft. of drill	3 lbs.
Peas—	
Garden, 1 lb. to 150 ft. of drill	1 to 2 bu.
Field	2 bu.
Pepper, 1 oz. to 1,000 plants	4 oz.
Pumpkin, ½ lb. to 100 hills	3 to 4 lbs.
Radish, 1 oz. to 100 ft. of drill	10 lbs.
Rape	3 to 5 lbs.
Rye	1½ to 2 bu.
Salisify, 1 oz. to 100 ft. of drill	8 lbs.
Speltz	100 lbs.
Spinage, 1 oz. to 100 ft. of drill	8 lbs.
Sunflower	8 lbs.
Squash, Summer, 4 oz. to 100 hills	3 lbs.
Winter, 8 oz. to 100 hills	4 lbs.
Tomato, 1 oz. to 2,000 plants	4 oz.
Tobacco, 1 oz. to 5,000 plants	2 oz.
Turnips, 1 oz. to 150 ft. drill	2 to 3 lbs.
Vetches	2 bu.
Wheat	2 bu.

OUR MOTTO:—"Good Seeds Make Friends."

255 COMMERCIAL STREET, SALEM, OREGON

We have the largest retail Feed Establishment in the state. Having ample warehouse room, we are enabled to store large quantities of hay, straw, grain and mill feed, and by so doing, we are in a position to quote you the lowest prices in the city, as we buy in large lots, securing the lowest prices, and our customers get the benefit.

When in need of feed of any kind, be sure and get our prices. We know we can save you money.

D. A. WHITE & SON,

Feedmen and Seedmen

Salem, Oregon.

ARE YOU PROUD OF YOUR LAWN ?

IF NOT RESEED IT WITH "CAPITOL BRAND"

FANCY LAWN GRASS SEED

More fine lawns in the city have been made from our mixtures than from any other. We use only the choicest, re-cleaned, heavy grass seeds. This mixture of ours will produce a fine thick velvety lawn in a few weeks time if you prepare the ground properly, and sow the seed thickly. Don't buy cheap seed. It only means a poor lawn. Sow our seed at the rate of one to one and one-half pounds to 20-feet square ; 10 to 15 pounds to the average city lot.

Price : Per pound, 25c.; postpaid, 35c.;
by express at buyer's expense, 10
pounds, \$2.25

We carry a full and complete line of PRUSSIAN Poultry and Stock
Foods and Remedies.

D. A. WHITE & SON

255 Commercial Street

SALEM, OREGON

HIGHEST CASH PRICES PAID

For Clover and Grass Seeds, Hay, Oats, Wheat,
Vetch,, Field Peas, Early Potatoes, Etc.

SEND SAMPLES

Stating Quantity you have for sale

D. A. WHITE & SON

WHOLESALE AND RETAIL

FEEDMEN AND SEEDMEN

Poultry and Bee Supplies

255 N. Commercial Street

SALEM, OREGON